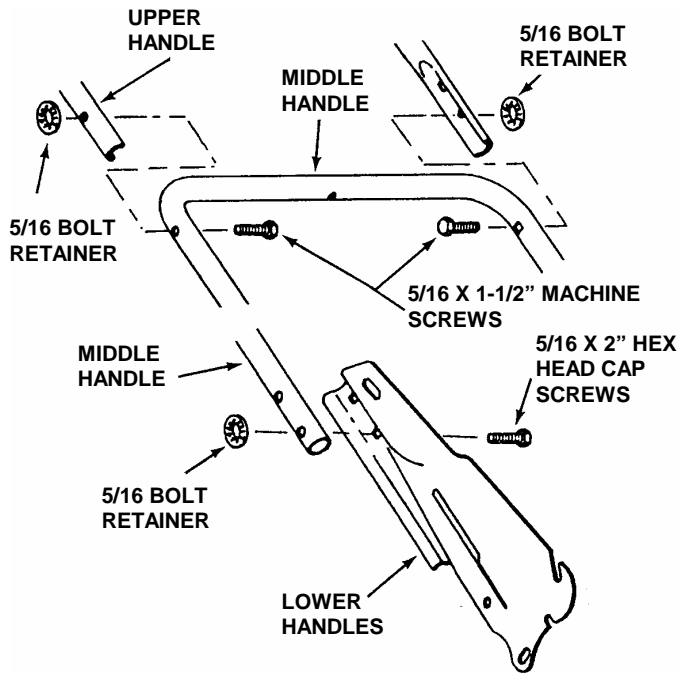


SET-UP INSTRUCTION & PRE-OPERATION CHECKLIST

SNAPPER 21" STEEL DECK COMMERCIAL WALK BEHIND MOWERS

INTRODUCTION: The SNAPPER Walk Behind Mowers are shipped almost fully assembled and require minimal set-up. Complete each of the following steps carefully. Review and complete each item as instructed on the Pre-Operation checklist. The Snapper Product Registration card must be filled out and sent to Customer Service department at Snapper when completed.

STEP 1: Remove mower from shipping carton. These mowers are manufactured with (4) 5/16-18 x 2" hex cap screws, and (4) 5/16 bolt retainers that secure the upper, middle handles and lower handle brackets together for packaging purposes. This hardware will have to be removed and discarded. See Figure 1.



REMOVE EXISTING HARDWARE

FIGURE 1

STEP 2: New hardware can be found in hardware bag. Attach middle handle to lower handle brackets using 5/16-18 x 2" curved head bolts, installed from the inside of handles as shown, and secure with 5/16 internal tooth lock washers and hex nuts. Do Not tighten at this time. See Figure 2.

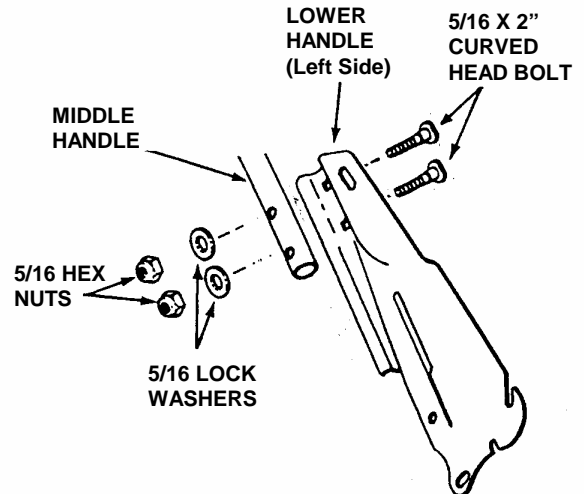


FIGURE 2

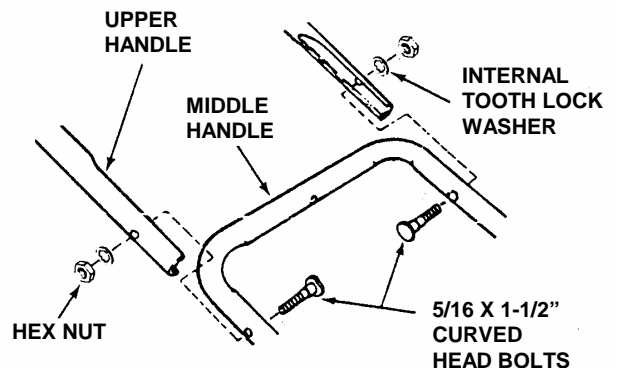


FIGURE 3

STEP 3: Attach the upper handle assembly to the middle handle using 5/16-18 x 1-1/2" curved head bolts, installed from the inside of handles as shown, and secure with 5/16 internal tooth lock washers and hex nuts. Do Not tighten at this time. See Figure 3.

STEP 4: To adjust handle height loosen bolts on both lower handle brackets. See Figure 4. Move handles up or down for desired height. Tighten all bolts and nuts on all handles and brackets.

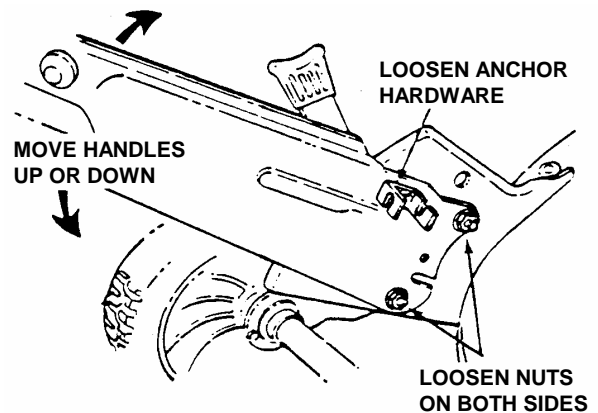


FIGURE 4

STEP 5: Install speed control rod by tilting the lever down in a horizontal position and insert into the anchor from the side as shown in Figure 5.

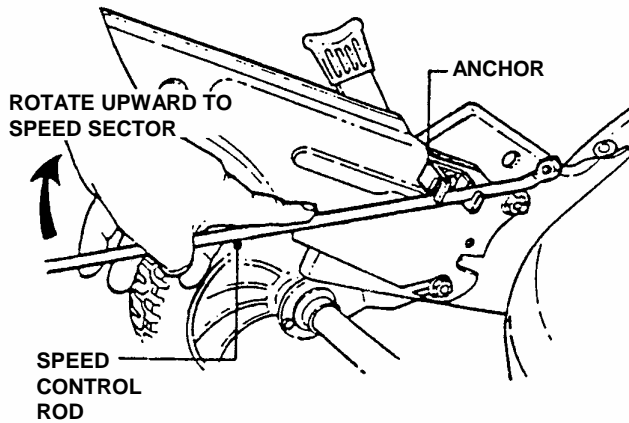


FIGURE 5

STEP 6: Rotate control rod up to be connected to the speed sector. Slide flat washer and spring in front of speed sector. See Figure 6. Compress spring by pulling backwards and pulling control lever into the notch. Pull backwards far enough to clear the sector flanges. This will lock speed control lever handle into position. Control rod should move back and forth freely between sector flanges. See Figure 7.

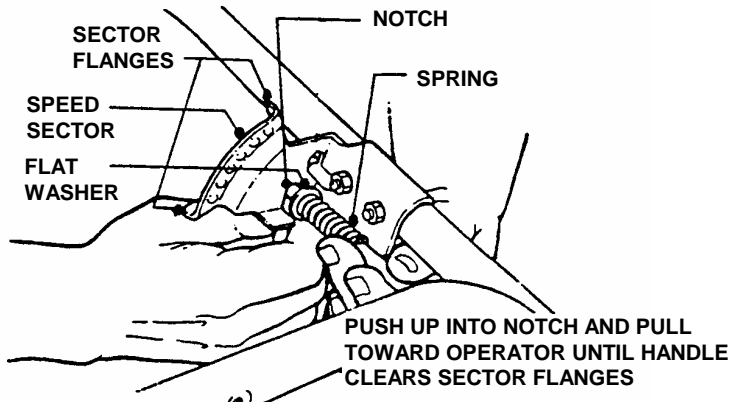


FIGURE 6

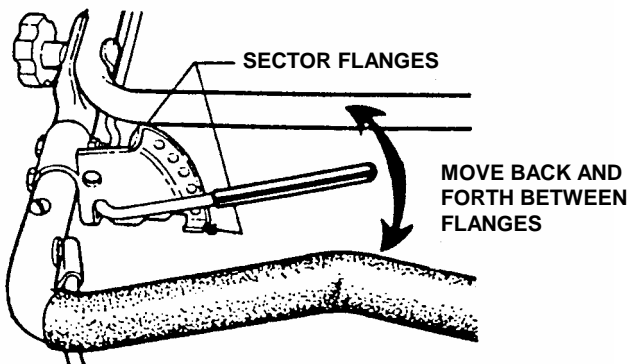


FIGURE 7

STEP 7: Insert the transfer rod into the hole in the end of the control rod and clip as shown in Figure 8. Hold transfer rod in place rotate clip over until it snaps into position onto transfer rod. See Figure 9.

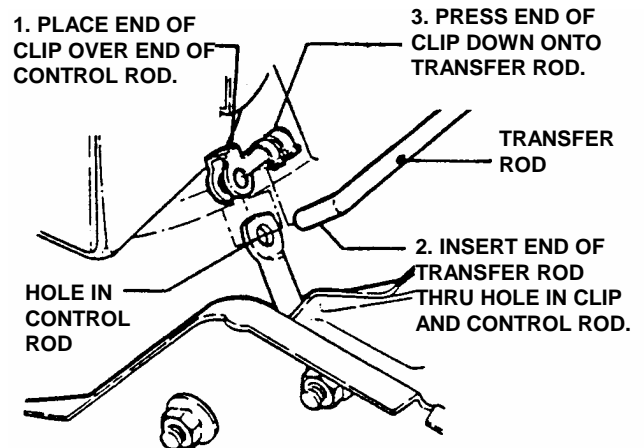


FIGURE 8

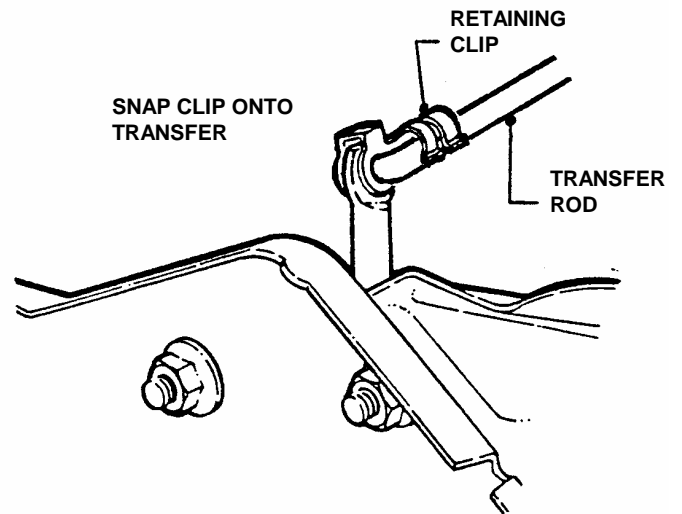


FIGURE 9

STEP 8: Check the clearance between the clutch cable and clutch spring. **NOTE:** Clearance between spring and cable is very important. Excessive clearance will cause drive system not to operate when wheel drive control handle is depressed. No clearance at all will cause mower to continue to propel itself when wheel drive control handle is released to stop the mowers forward movement. Slide vinyl spring cover (located at the end of clutch cable) up clutch cable to gain access to the end of spring and cable loop. With wheel drive control handle released, clearance between spring hook and cable loop should be $1/16''$ to $1/8''$. If clearance is more or less than specified, unhook spring from clutch cable eye, then adjust by turning inner spring in an opposite direction than the outer spring. Rehook spring to clutch cable eye. Slide vinyl cover over the spring when correct clearance is reached. See Figure 10.

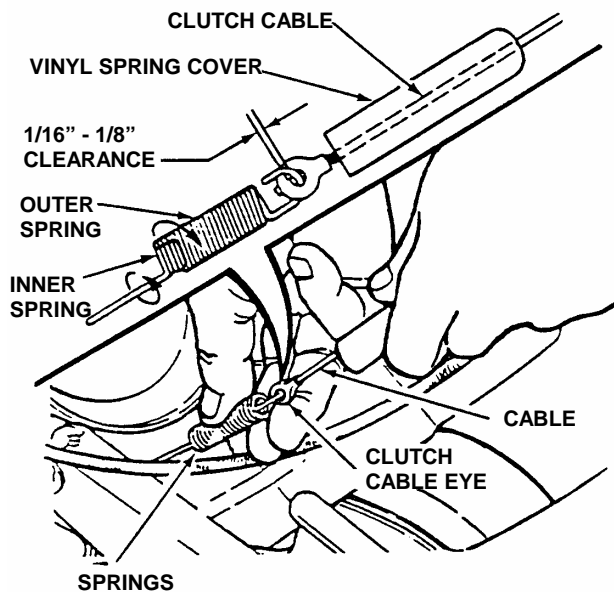


FIGURE 10

STEP 9: Driven disc to drive disc adjustment is set up at the factory. In case driven disc may need adjustment, proceed as follows:

A. Place speed control rod in the number six speed position. See Figure 11.

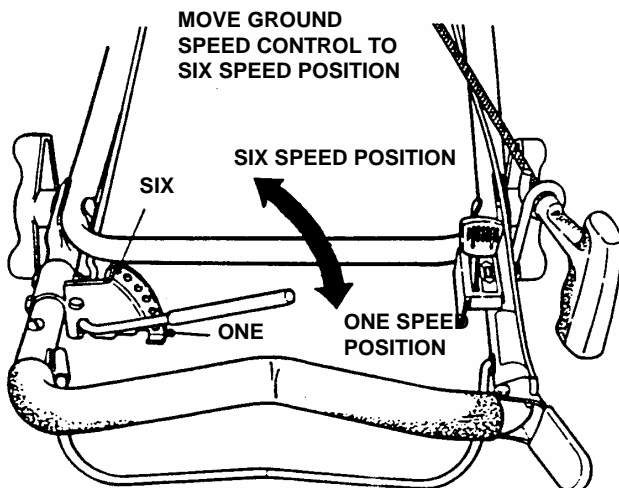


FIGURE 11

B. Remove driven disc spring from driven disc assembly as shown. Loosen connector hex-nut. See Figure 12.

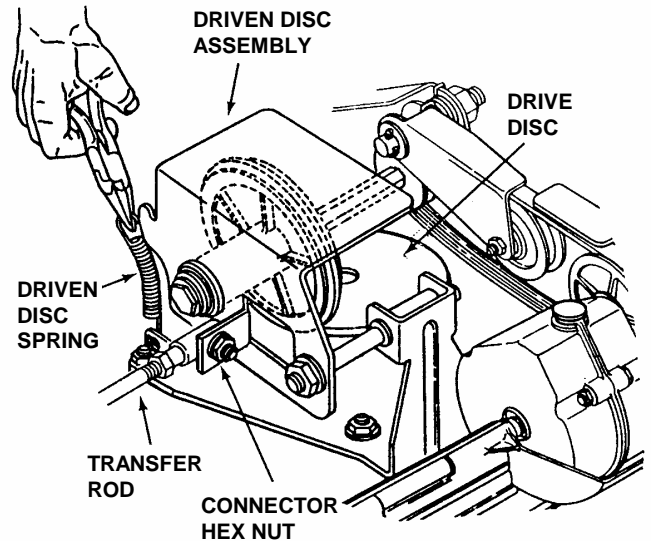


FIGURE 12

C. Slide driven disc assembly over until $1/8''$ from outside edge of drive disc. Maintaining the $1/8''$ measurement, remove any looseness from the linkage. This can be done by holding the transfer rod and applying pressure to the left, (as viewed from operators position), then retighten the connector hex-nut securely. See Figure 13. Move shift rod to the number one speed position, then back to the number six speed position. Recheck the $1/8''$ measurement described previously. Reinstall driven disc spring to driven disc assembly.

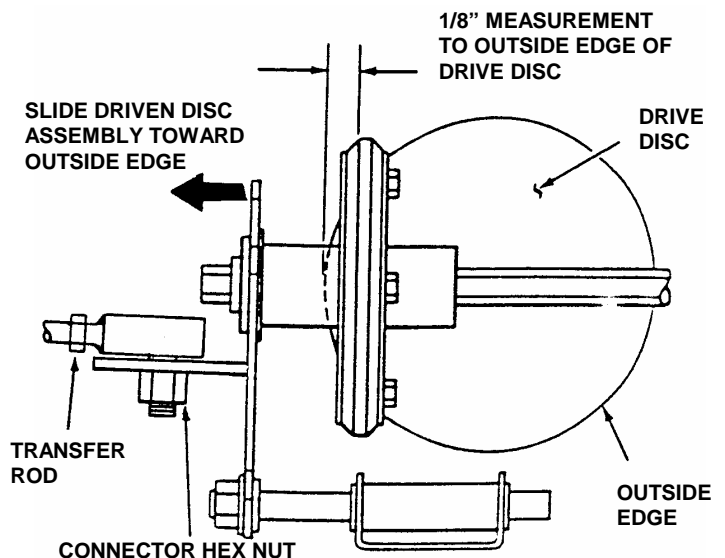


FIGURE 13

STEP 10: Install the grass bag adapter and secure to the side of the deck with the two 5/16-18 nuts (P/N 9-0951) provided in the hardware bag. See Figure 14.



FIGURE 14

STEP 11: KAWASAKI ENGINE. Attach support rod to deck adapter by first removing the nut and bolt at the rope guide pulley. Reassemble with the support rod underneath the pulley and the flattened end of the rod towards the engine. Attach the support rod to the top of the engine. Remove the nut and washer from the right rear corner of the recoil housing as shown. Place the support rod over the threaded engine stud. Install nut only (washer not needed) and re-tighten the nut. See Figure 15.

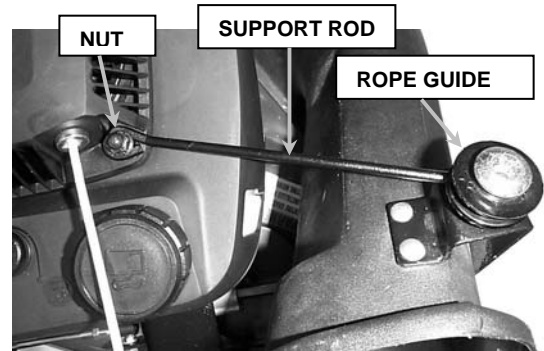


FIGURE 15



FIGURE 16

STEP 11: ROBIN 4-CYCLE ENGINE. The installation of the support rod on the Robin 4-cycle engine is similar to the installation on the Kawasaki engine described above. On the Robin installation, the rope guide end of the support rod is on top of the pulley and the flattened end is attached to the engine with a 6 MM hex bolt and flat washer (included in the hardware bag with the mower). A support rod is not required on mowers equipped with Robin 2-cycle engines. See Figure 16.

STEP 12: Fold bag opening into a "Z" and install slider. See Figure 17.

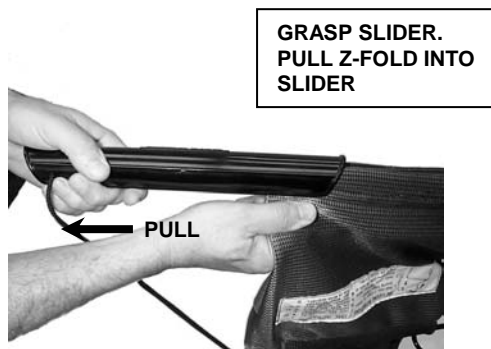


FIGURE 17

STEP 13: Install grass bag on the mower. Slide bag connector over flange on the bag adapter. Attach grass bag handle to middle handle cross bar. See Figure 18.



FIGURE 18

IMPORTANT: DO NOT tip machine with carburetor or spark plug down. Oil from crankcase will saturate the air filter and cause the engine to be hard to start or not start at all. If contamination does occur, the air filter will have to be replaced.

STEP 14: Tip mower back against the upper handle to gain access to the underside of the cutting blade. Remove foam shipping block from cutting blade. This must be removed before starting the engine.

STEP 15: Pull blade control up against handle. Pull recoil rope out and route rope around pulley guide on bag adapter and loop rope into guide on upper handle. See Figure 18.

STEP 16: CHECKLIST: Complete all items on the Pre-Operation Checklist as instructed.

PRE-OPERATION CHECKLIST for SNAPPER 21" STEEL DECK SERIES 12 WALK BEHIND MOWERS

Snapper has completed initial adjustments and performed operational tests prior to shipping the machine. Due to the possible effects of shipping, handling and storage, Snapper intends for all of the following items to be verified and necessary final adjustments made at time of setup. It remains good practice and is strongly recommended that all the items also be checked prior to placing the machine into service. It is very important that setup is verified and all operational tests completed and results are acceptable. After completing this form, sign and retain for future reference.

SET-UP (Details on Pages 1 through 4 of this Instruction)

- ☐ FOAM SHIPPING BLOCK removed from cutting blade.
- ☐ UPPER HANDLE & LOWER HANDLE secured in place and hardware tightened securely.
- ☐ SIDE CHUTE or GRASS BAG installed on mower.
- ☐ BLADE retaining bolt(s) checked and tighten securely.
- ☐ GROUND SPEED LEVER installed and connected to drive system.

LUBRICATION

- ☐ ENGINE OIL added to bring level up to full mark on 4-cycle engines (Refer to Engine Manual).
- ☐ OIL mixed with FUEL in specified ratio (2 Cycle Engines Only).
- ☐ DIFFERENTIAL grease checked and added if needed.

OPERATIONAL TEST

- ☐ ENGINE started, engine control settings checked and adjusted as needed.
- ☐ WHEEL DRIVE checked for proper operation and adjusted as needed.
- ☐ CHUTE INTERLOCK checked to insure proper functioning.
- ☐ GROUND SPEED control checked and adjusted as needed.

CPSC (Consumer Product Safety Commission) COMPLIANCE TEST

- ☐ BLADE CONTROL stops engine when released.

CONSUMER INFORMATION

Purchase Date _____ Model _____ Serial No. _____

Retailers Name _____ Signature _____

Address _____ City _____ State _____ Zip _____

MOWER WILL BE USED COMMERCIALY? ☐ YES ☐ NO

Purchaser's Name _____ Signature _____

Address _____ City _____ State _____ Zip _____

IMPORTANT: This form is to be retained for future reference regarding Warranty, proof of purchase, traceability for product recall or service, etc. Complete the Product Registration Card and Mail to Customer Service Department at SNAPPER, P.O. BOX 1379, McDonough, Georgia, 30253.